

DIP-DYABLE POLYCARBONATE PROCESS

ABSTRACT OF THE DISCLOSURE

A process for tinting of articles molded from a polymeric resin is disclosed. Preferably, the article is molded from polycarbonate and the process entails immersing the molded article in a dye bath that contains water, dye, a carrier and an optional surfactant. The carrier is a compound conforming to

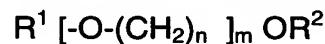


wherein R^1 and R^2 independently denote H or C_{1-18} alkyl, benzyl, benzoyl or phenyl radical which may be substituted in the aromatic ring by alkyl and or halogen, preferably R^1 =butyl, R^2 =H, n is 2 or 3 and m is 2 to 35.

The method is especially useful in the manufacture of tinted lenses.

A COMPOSITION COMPRISING A DYE
ABSTRACT OF THE DISCLOSURE

A composition of matter (e.g., a molded article) is described. More particularly, the composition of matter includes: (a) a resinous component selected from at least one member of the group consisting of (co)polyester, (co)polycarbonates, acrylonitrile-butadiene-styrene, polyamide, polyurethane, polyalkyl(meth)acrylate and styrene copolymers; (b) at least one dye; (c) a carrier represented by the following formula,



wherein R^2 is butyl, R^1 is H, n is 2 or 3, and m is 2-35; and

(d) optionally an emulsifier. Also described is a dye bath that includes: (a) water; (b) at least one dye; (c) a carrier represented by the above formula; and (d) optionally an emulsifier.